ABSTRACT OF THE DISCLOSURE

A improvement to video compression techniques is described in which blocks of video input information are compared in their respective pixel values to corresponding blocks of immediately preceding frames. The blocks are analyzed to determine whether change has occurred in accordance with two tests. First, the pixel values of the block are compared to the pixel values of a preceding block and if a threshold number of pixel values in the block exceed their counterparts by a threshold amount, then the block is assumed to have changed and is communicated via a standard communication protocol, compression technique and media. Second, even if the threshold number of pixels in the block has not changed, the pixel values are compared with their prior frame counterparts to determine if any one pixel value has changed in magnitude more than a second threshold amount. Again, one such pixel is identified, then the block is assumed to have changed and is communicated.